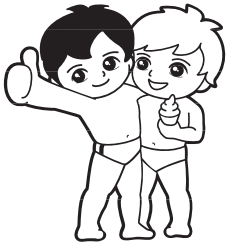


Haier

Microwave Oven

Instruction for use

EB-3190EC

Haier

Specific No. 0050502407

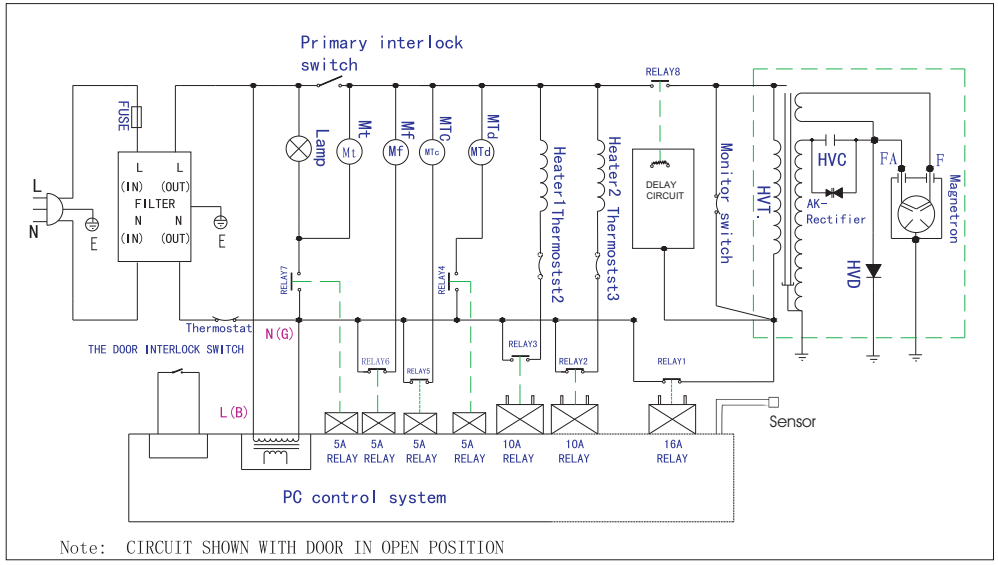
- Do not put microwave oven in humid or high-temperature environment.
- Do not touch the upper part of the shell and the outer screen of the door . It may cause scalding.
- Do not run the microwave oven without load. It may damage the microwave oven.
- Do not use metal container to cook with microwave oven. It may cause igniting phenomenon.
- After long time cooking, the cavity is under high temperature. It is suggested to wait for some time to cool it down before next usage.
- During maintenance, be sure to switch off the power supply . To decompose the shell of the oven, be sure to have it done by professional technicians. The inner components are electrified, and may cause electric shock.
- The door seal and all of the relative parts shall be cleaned with soap liquor once each week to keep the cavity clean.
- If the power cord is damaged, only the sellers or professional technicians authorized by the manufacturer can make maintenance to avoid any electric shock danger.
- If you use cook utensils not recommended by us, be sure to watch out for the cooking proceeding in the microwave oven.
- Small amount of food require shorter cooking or heating time .If normal times are allowed they overheat and burn.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- **ALWAYS** use oven gloves when removing a dish from the oven. Some dishes absorb microwaves and heat is always transferred from the food to the dish. The dishes are therefore hot.
- Stand at arm’s length from the oven when opening the door, Oven casing and door will get hot during convection and combination cooking, the hot air or steam release may cause scalding.

DECLARATION OF CONFORMITY

The manufacturer of the product/s described herein, to which this description refers, declares on its sole responsibility that the product/s meet the relevant fundamental safety health and protection requirements of the relevant EU guidelines and that the corresponding test reports are available for examination by the relevant authorities and can be requested from the seller of the appliance, especially with regard to CE Declaration of Conformity issued by the manufacturer or with the Manufacturer's approval.

Moreover , the manufacturer declares that the parts of the appliance described in this user manual, which come into contact with fresh food, do not contain any toxic substances.

Electricity schematic diagram



Contents

	Page
CE - DECLARATION OF CONFORMITY	In front page
Electricity schematic diagram	In front page
Contents	1
1 Potential dangers	2
2 Where to install the oven	4
3 Installing the oven	4
4 Rating plate	5
5 Plugging in your appliance	5
6 Using the microwave oven	6
7 COMPONENTS	8
8 Operating panel	9
9 How to operate your microwave oven	11
10 Cleaning and care	24
11 Customer support service	24
12 Calling the customer support service	25
13 Guarantee	25
14 WARNING	26

Caution ! Microwave ovens may only be installed, plugged in and started up in full compliance with the instructions for use. Therefore, please read the instruction manual carefully from start to finish before you start to use your appliance. The manufacturer is not liable for any damage caused by failure to pay heed to the operating instructions when operating the appliance. Highlight the points that are especially important to you and keep this document in a place where it can be consulted at any time and be passed on to future owners. This appliance must be kept out of children's reach.

Important !

The appliance(s) described in this instruction manual is / are solely designed for domestic use and may not be used for professional or commercial purposes.

You have chosen an excellent appliance which will serve you reliably for many years, if it is operated and maintained properly.

Detailed drawings (FIG.A) with a legend you shall find on the page 7 of this manual.

Should your newly purchased appliance replace an old microwave oven, cut off the power cable of the old appliance as close as possible to the cabinet. Please have the old appliance ecologically disposed off by a company specialism in environmental protection. (ask your civic center)

14 WARNING

IMPORTANT SAFETY INSTRUCTIONS:
READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

- WARNING: If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person;
- WARNING: It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy;
- WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode;
- WARNING: Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use;
- the minimum height of free space necessary above the top surface of the oven; (On page 4)
- only use utensils that are suitable for use in microwave ovens;
- when heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition;
- if smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames;
- microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container;
- the contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns;
- eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended;
- details for cleaning door seals, cavities and adjacent parts; (On page 24)
- the oven should be cleaned regularly and any food deposits removed;
- failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation;
- only use the temperature probe recommended for this oven (for appliances having a facility to use a **temperature-sensing probe**).

- No one except the professional technicians can decompose the microwave oven. Electric shock danger may occur!
- Do not put metal stick into the interlock hole at the front of the cavity. It may cause microwave leakage!
- Do not add excessive force to opposite direction on the door. Otherwise the door may be deformed and cause microwave leakage.
- Do not cook food with vacuum package or packed into enclosed container. For the food with skin, remember to puncture it before cooking.

  Remove the grease remained in the cavity . Otherwise it may cause smoking or fire in heating.
- Do not use the microwave oven for purposes other than cooking.
- Be sure to earth the microwave oven reliably in installation and usage.

Customer service jobs resulting from improper operation of the oven are liable for payment even during the guarantee period.

What is when.....

- Is the plug firmly inserted in the socket?
- Is the power socket under current?

(test this by plugging in another kitchen appliance)

- Is the fuse intact?
- Was the timer set properly? (first turn beyond the required time and then back accordingly)
- Does the oven door close tightly?
- Is anything stuck in the door?

Under no circumstances should you subject the appliance to any tests other than those described here or attempt to repair it yourself by technical means.

Warning !

The interior lamp may only be replaced by specially trained customer service personnel who is aware of the related dangers.
The appliance works independently from the interior light. It can thus also be operated easily even if the interior lamp has failed.

Steam escaping from the air vent is quite normal during operation. This is not a malfunction.

12 Calling the customer support service

To ensure prompt help when needed, please have ready the following data before calling the customer support service:

- Appliance Type / Model (see rating plate)
- Date of purchase
- Name and location of your dealer
- Description of the malfunction

The address and phone number of the customer support service centre responsible for your appliance can be found in the attached customer support service directory, or in the guarantee card. Otherwise contact your dealer .

13 Guarantee

Please note the general guarantee terms and the guarantee period stated in the attached guarantee card. If the appliance documentation does not include a guarantee card, please contact your dealer .

The manufacturer works constantly at the further development of all products. Please therefore bear this in mind as the form, set up and technology are subject to change, without prior notice.

In the following, please find all important instructions for the use of the oven.
As this manual applies to several microwave ovens, some specifications may differ from model to model.

1 Potential dangers

CAUTION !

Microwave ovens may only be used to warm up or heat up food or drinks. Never use your microwave oven for other purposes such as drying textiles or other objects, let alone life animals.
This may cause acute fire(s) or accident hazard.
Oven casing and door will get hot during convection and combination cooking.

1. If you install or start up your microwave oven without first reading the instructions for use:

- Misuse may damage your health and endanger your life.
- Mistakes made in installation and connection may potentially damage the appliance itself and your kitchen furniture

2. Over boiling

- When heated in a microwave oven, liquids may overheat beyond their boiling point without you being able to see it (boiling causes non visible bubbling).

Caution: By merely touching a serving dish as you take it out, steam bubbles may unexpectedly and suddenly form and the liquid in the serving dish may unexpectedly boil over.
(Danger to get severely scalded)

You can prevent such an occurrence, by simply putting a clean glass rod into the dish, filled with liquid. However before removing the serving dish, observe if the boiling liquid bubbles up as usual.

- In mixed food with different moisture levels, the microwaves heat up the moister ingredients far stronger.
- Baby food heated up in glasses or bottles may only be handed to your child after having checked the temperature of the food or drink.

- As different ingredients may be warmed up at varying degrees, the dish/bottle containing baby food may feel only lukewarm, whereas the food inside is far more heated up. For this reason, always shake or stir the baby food evenly so that the heat is distributed.

3. Suitable cooking ware

To cook food in the microwave oven, the microwaves must be able penetrate the food, without being reflected or absorbed by the dish used.

Care must therefore be taken when choosing the cookware. If cookware is marked microwave-safe, you do not need to worry. The following table lists various types of cookware and indicates whether and how they should be used in a microwave oven.

Always ensure that your dishes and pots are compatible with microwave ovens.

COOKWARE	MICROWAVE-SAFE	COMMENTS
Aluminium foil	Use Caution	Can be used in small quantities to protect areas against over-cooking. Arcing can occur if the foil is too close to the oven wall or if too much foil is used. **Can be used for grill or convection function**.
Crusting plate	Recommended	Do not recommend for use.
China and earthenware	Recommended	Porcelain, pottery, glazed earthenware and bone china are usually suitable, unless deco-rated with a metal trim.
Disposable polyester cardboard dishes	Recommended	Some frozen foods are packaged in these dishes.
Fast-food packaging		
Polystyrene cups containers	Recommended	Can be used to warm food.
Paper bags or newspaper	Unsafe	Overheating may cause the polystyrene to melt.
Recycled paper or metal trims	Unsafe	May catch fire. May cause arcing.
Glassware		
Oven-to-table ware	Recommended	Can be used, unless decorated with a metal trim.
Fine glassware	Recommended	Can be used to warm foods or liquids. Delicate glass may break or crack if heated suddenly.
Glass jars	Recommended	Must remove the lid. Suitable for warming only.
Metal		
Dishes	Unsafe	May cause arcing or fire.
Freezer bag twist ties	Unsafe	**Can be used for grill or convection function.**
Paper		
Plates, cups, napkins and Kitchen paper	Recommended	For short cooking times and warming. Also to absorb excess moisture.
Recycled paper	Unsafe	May cause arcing.
Plastic		
Containers	Recommended	Particularly if heat-resistant thermoplastic. Some other plastics may warp or discolour at high temperatures. Do not use Melamine plas-tic.
Cling film	Recommended	Can be used to retain moisture. Should not touch the food. Take care when removing the film as hot steam will escape.
Freezer bags	Use Caution	Only if boil able or oven-proof. Should not be airtight. Prick with a fork, if necessary.
Wax or grease-proof paper	Recommended	Can be used to retain moisture and prevent spattering.

10 Cleaning and care

Caution !

The microwave oven must be unplugged from the power supply before cleaning it (on the external or interior side).

Pull out the power plug, or activate fuse safety switch.

If you cannot reach the plug, keep the oven door open (also when cleaning the outside).

Only in this way you can prevent the appliance from being switched on when the function keys or switches are inadvertently activated.

1. Cleaning the cabinet

Caution ! Under no circumstances should water or a cleaning fluid get into the inside of the oven. This is particularly important when cleaning around the air vents or rear wall.

Otherwise serious accidents may ensue due to electric shock and the appliance may be damaged.

- Only use clear water with just a little washing-up liquid for cleaning. Do not under any circumstances use sharp cleaning or scouring agent. Lastly wipe the cabinet dry with a soft cloth.
- Carefully remove food particles and dirt deposits between the door and cabinet, so that the door always shuts properly and tightly.

Warning !

Under no circumstances should you continue to use the appliance if you have detected any damage on the door seal or on the adjoining surfaces.The same applies to damage detected on the door itself or door hinges. Otherwise hazardous microwave radiation may escape from these locations.This kind of damage must be repaired by a trained customer service engineer, before you can use your appliance again.

2. Cleaning the inside of the oven

Never pour water into the oven interiors . Water may enter the interior of the oven through the air vents and damage the appliance. Moreover serious accidents can ensue due to electric shock.

- Clean the oven interior thoroughly. Particles of fat and food may overheat and potentially cause fire hazard. Moreover food and dirt deposits inside the oven affect the performance of the microwave oven.
- Use only clear water with a little washing-up liquid to clean the interior of the oven. Do not under any circumstances use sharp cleaning or acids. Lastly wipe the cooking chamber dry with soft cloth.

3. Cleaning the turntable

- Thoroughly clean the turntable (if equipped with) after every use to prevent smoke from developing due to food particles.

CAUTION ! The turntable might still be hot.

- Likewise clean the turntable undercarriage and the oven interior regularly, so that it always works perfectly.

11 Customer support service

Check on the enclosed guarantee card or the separately enclosed customer service directory which firm is responsible for the customer support service of your appliance.

If your appliance documentation does not mention the responsible customer support service, please contact your dealer.

If your appliance does not work despite observance and compliance with all tips and guidelines described in these instructions for use, then please do the following check "What is when...", before you call the customer support service:

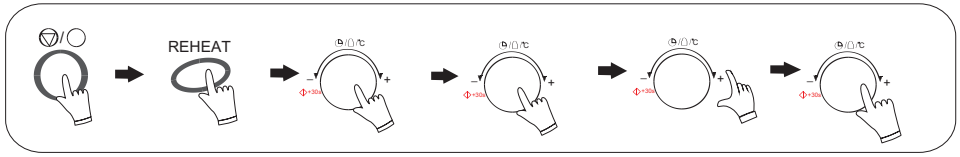
Auto reheat

The auto Reheat feature have pre-programmed cooking time. You do not need to set either the cooking times or the power level. You can adjust the size of the serving by turning the dial knob.

Put on a ceramic plate and cover with microwave cling film. This programme is suitable for meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).

For example

1. Press ⏚/◯ button.
2. Press the **Reheat** button, display:
   HE (Reheat mode)
   Enter Auto Kg (flash to select the weight)
3. Press the **DIAL knob**, display:**0.2**
4. Press the **DIAL knob** to start. (or turn the **DIAL knob** to select weight),
5. Press **DIAL knob,** The oven works automatically.



*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

Turntable on/off

The **Turntable on/off** button enables you to stop the the turntable manually, then you can take the food or recipients out easily.

Do not press the **Turntable on/off** button during the cooking process. Cancel the cooking phase, before pressing the **turntable On/Off** button.

1. Press the **Turntable on/off**(◯)button. The turntable will not rotate.

2. To switch the turntable rotating back on, press the **Turntable on/off** (◯) button again. The turntable will rotate.

Child lock

Your oven has a safety feature that prevents accidental running of the oven. Once the child lock is set, you will be unable to use any functions and no cooking can take place.
However your child can still open the oven door.
1.Press ⏚/◯
2.Press and hold **Reheat** and ⏚/◯ until [ ] appears on the display and beep sounds.
The **Child lock** is now set.
3.To cancel **Child lock ,**press and hold **Reheat** and ⏚/◯ until [ ] disappears.
You will hear beep when it's released.

Caution !

1. Some items with high lead or iron content are not suitable for cooking utensils.
2. Utensils should be checked to ensure that they are suitable for use in microwave ovens.

The following items are under no circumstances suitable for microwave cooking:

- Metal containers, cutlery or skewers
- Containers with metal trimming (e.g. gold rim)
- Bags sealed with metal parts (clips)
- Cartons coated with plastic film or foil
- Coloured or recycled paper

Metal objects may trigger off unwanted sparking and potentially damage the appliance.
Coated cartons, colored or recycled paper may contain substances that may lead to overheating and fire.

If your appliance is also equipped with a fan or a grill function, make sure the dishes you use have a high heat resistance.

2 Where to install the oven

1. Before installing your new appliance, you need to check as for visible external damage.
Under no circumstances should the appliance be started, if it is damaged.
Therefore, thoroughly check the appliance as for:

- Damaged packaging, indicating that the appliance may have been damaged during shipment
- Damaged cabinet
- Damaged door glass panel
- Visible damage to the cable / plug

If you suspect any damage, please have the appliance tested by the customer support service.
At all costs prevent the emission of any hazardous microwave radiation by not starting up a damaged oven.

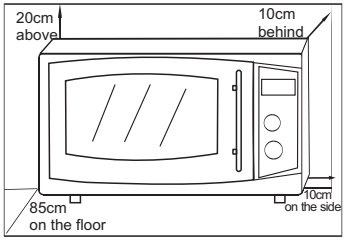
3 Installing the oven

(FIG. A)

a) Unpack the appliance
b) Remove all objects from the inside of the oven.
c) Carefully remove all plastic films and stickers from:
   - the cabinet
   - the door
   - the Turntable axle - drive shaft

Failure to carefully remove plastic films and stickers may lead to a fire hazard.
d) Clean the oven interior with a damp cloth.
Do not use sharp cleansers or scouring agents!
e) Unpack the turntable (not all models are equipped with) and its undercarriage
f) Place the undercarriage in the circular track on the oven interior floor
g) Lay the turntable onto the undercarriage. By gently turning it, the guide fits into the drive shaft.

- Place the appliance on an even and non-skid surface.
It must be stable enough to easily support the appliance even if the oven contains goods.
- Leave a space of at least 15 cm between the foremost edge of the worktop and the front of the oven door .
You will thus prevent the appliance from tilting forward when the door is open.
- Install the oven in a place where it is protected against splashing water or dripping liquids.
- Never operate the appliance outdoors. Sunlight and humidity may impair operational safety.
- Never expose your microwave oven to direct sunlight (overheating hazard).
- Do not install the appliance in the immediate vicinity of heat sources such as radiators or cookers.
- When you install your oven, make sure there is adequate ventilation for your oven by leaving at least 10 cm of space behind, and on the sides of the oven and 20 cm of space above the oven and 85 cm of the floor.



- The appliance must not be built into a cupboard.
The oven must not be built in underneath a panel or a cupboard.
- For some models a built under - mounting set is commercially available. Please ask your dealer or the respective customer support service.

CAUTION!

During operation clouds of steam escape through the air vents of the appliance and it may get very hot within the space of the above mentioned minimum clearances. The microwave oven should thus be installed so that no objects sensitive to heat or moisture are located near the minimum clearances. Avoid any possible overheating of the oven caused by unintentionally covering or sealing the air vents. When in operation the base of the oven may become very hot. The worktop must thus be accordingly heat-resistant.

4 Rating plate

The rating plate with technical specifications is located on the cabinet, at the rear of the oven.

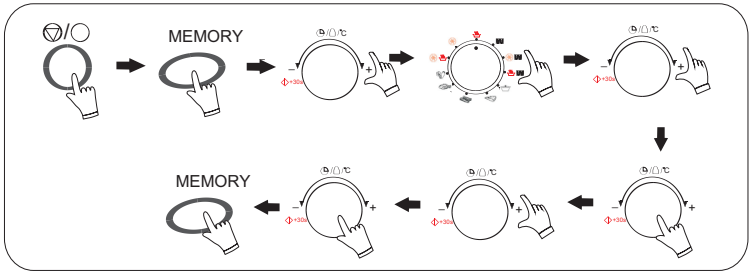
5 Plugging in your appliance

Your appliance must be connected to a power socket with grounded connection, which complies with the respective regulations and has been installed by authorised specialists.

Before plugging the appliance into the wall socket, make sure that the voltage(V) and fuse amperage

Set the memory

1. Press ▽ /○
2. Press the memory button until it dispaly
CP-X(X is number from 1 to 5)
3. Turn the the **DIAL knob** until it display **CP-1.**
4. Turn the **Cooking Control knob** to **the** (♨) symbol, dispaly:
P100
5. Turn the the **DIAL knob** until it display **P 80.**
6. Press the **DIAL knob.**
7. Then turn the **DIAL** knob until it display **10:00.**
8. Press the the **DIAL knob.**
9. Then press the memory for about five seconds, release it , the menu has been set.



You will hear one beep, the set is ok.
You should set the programme orderly (**CP-1,CP-2,CP-3,CP-4,CP-5**).

Use the memory

1.Press ▽ / ○
2.Press the **MEMORY** button once
3.Turn the **DIAL knob**, until it diisplay **CP-1.**
4.Press the **DIAL knob**. it works.

*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

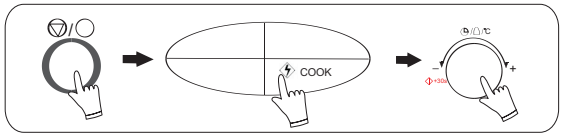
Auto clean

After a long time of use, your microwave oven should be cleaned regularly to prevent grease and food particles from building up, with the **Auto Clean** function, you can clean the oven cavity easily. in the following, we will show you how to use this feature. before you use it, be sure to take all the food or water out of the cavity except the **TURNTABLE**、 **COUPLER** and **ROLLER RING**

1.Press ▽/ ○
2.Close the door, press the **Auto Clean** button the oven works automatically.

When cooking has finished, the oven will beep five times and display **End** for ten seconds. Then The oven will be on call(**display the clock**).never open the door at this time because the it is very hot in the oven, after about then minutes later, Always use oven gloves, you can open the door, take the accessories out, Clean the inside surfaces with a soft cloth and warm, Rinse and dry.

1.Press ⏻/○
2. Press the **COOK** once, display
EC-1
Enter Auto (flash to confirm cook mode)
3. Press the **DIAL knob**, The oven works automatically.



*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

Auto menu

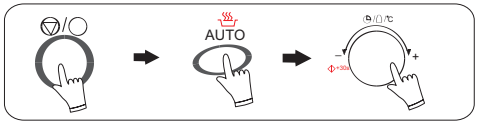
This menu has 2 kind of auto menu. when cooking soup or rice, please head up the vessel by cover with small holes , and half of the vessel volume should be kept available to avoid the liquor boiling out (the recommended proportion of the rice and water is 1:1.5).

Please see the chart below for cooking:

	Use	Display	Weight	Unit
Auto menu	Vegetable soup	AC-1	0.5	Kg
	Rice	AC-2	0.2	Kg

For example: set the oven for 400g vegetables.

1. Press ⏻/○ button
2. Press Auto menu button twice, the following display:
AC-1
Enter Auto (flashing)
3. Press **DIAL knob** button, The oven works automatically.



*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

Note: Use only containers that are microwave-safe.

Memory

The oven has one memory Function, you can set the programme you like manually, then the oven will memory it, then you can use the programme next time by selecting the memory Function.
you can set five programme altogether.
.
in the following, we will show you how to set one programme (with the 80% microwave power for ten minutes) and use it.

(A) specified on the rating plate of the oven correspond with the electrical power supply in your home. If these specifications do partly or not at all correspond, immediately contact your local customer support service or your dealer and do no plug in the appliance under any circumstances.

When operating the microwave oven for the first time, make sure that:

- The power cable of the oven is not led underneath the oven base, which does get hot, and does not come into contact with sharp edges or hot objects.
- The power cable does not extend into the other kitchen work areas.
- The power cable does not droop from the work top and nobody can get caught in it.
- The power cable does not come into contact with moisture(e.g. when wiping the work top or rinsing).
- The power plug is easily accessible and can quickly be unplugged in case of danger
- The power plug is always firmly inserted in the socket and loose contact cannot cause any fire hazards.
- Slack power plugs or sockets must be immediately repaired by a skilled electrician.
- No curtains are nearby.

6 Using the microwave oven

1. Before switching on the appliance, you should familiarizes yourself with the following guidelines:

- Never operate the oven when it is empty otherwise it could get damaged.

To prevent the oven from being operated inadvertently without contents, always leave a glass of water in the cavity when the appliance is out of use.

- Never heat liquids or food(s) in sealed dishes

Within sealed dishes overpressure can quickly develop and thus cause the dish to burst. This leads to potentially serious accidents.

- The following items are also liable to burst due to developing overpressure: eggs in shells, nuts in shells or any food(s) vacuum packed in plastic foil.

Therefore, always pierce raw eggs on two sides and remove the foil or at least cut it open on one whole side, before you put it into the oven. Remove nutshells.

- Should the use of aluminium foil be recommended in a recipe, make sure that it tightly adheres to the cookware or food and a gap of at least 2.5 cm is left between the aluminium foil and the cooking compartment walls.

Otherwise sparking may occur inside the oven and the appliance could consequently get damaged.

- In order to ensure that the seal is constantly protected adequately against hazardous escaping microwaves, always make sure that:

a) No objects (dishcloths, parts of food packaging etc.) are caught between the door and cabinet
b) Door seal or door hinges are not damaged or soiled (also see section on "Cleaning and Care")

Do not touch - scalding hazard

During operation your microwave oven may present scalding hazards in the following components:

- on the door - glass panel
- on the lateral air vents
- on the underside of the oven
- on the top of the oven

2. Prevention of smoke or fire in the microwave oven

If food(s) overheats, smoke may develop or smouldering may start inside the oven.
Food(s) with a high sugar or fat content are particularly prone to this hazard.

The microwave oven is therefore not suitable for:

- Frying
- Making popcorn
- Melting sugar or fats
- Cooking dried beans etc.
- When preparing food(s) with uncertain compositions, you should keep an eye on the appliance until the end of the set cooking time.

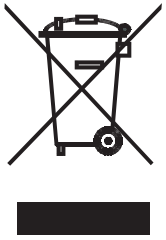
2.1 How to react when smoke develops inside the oven

Should smoke or fire develop inadvertently inside the oven, this problem can usually be easily overcome by taking the following correct steps:

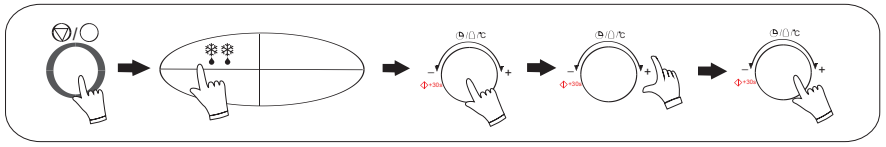
- Whatever happens, keep the oven door closed.
- First thing, switch off the appliance immediately
- Then switch off the power supply by unplugging the appliance or activating the fuse safety switch.
- Open the oven to take out the burnt food only when you can no longer detect any smoke.

CAUTION ELECTRIC SHOCK

Under no circumstances should you attempt to extinguish smouldering or burning food inside the oven with water . In this case serious accidents may be caused by electric shock.



Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
Contact you local government for information regarding the collection systems available.
If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.



*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

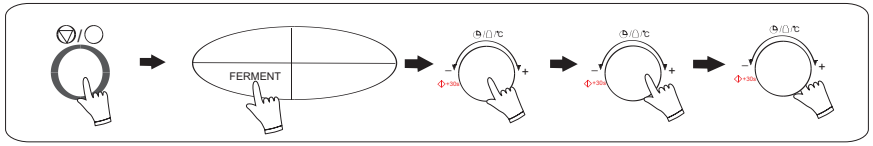
Note: 1.The food of different quantity, weight or shape has different defrost effect.
2.Use only containers that are microwave-safe.

Ferment

The oven has a ferment function at the oven temperature of 40°C. You may wait until the oven is cool because you can not use a ferment function if the oven temperature is over 40°C.

Ferment 15 min for example:

1. Press ▽/○
2. Press the **Ferment** button once, display:
   FE (ferment mode)
   Enter Auto Time (flash to select time)
3. Press the **DIAL knob**, display: **10:00**
4. Turn the **DIAL knob** to increase the time until **15:00** display.
5. then press the **DIAL knob** to start.



*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

Express cook

The Express cook has 2 quick cook mode, they can help you to cook the milk and bread rapidly to save you time ***(Use only containers that are microwave-safe)***.

	Use	Display	Weight	Unit
Express cook	Milk	EC-1	0.3	Kg
	Bread	EC-2	6	Piece

In the following,we will show you how to cook the milk about 300g.

Convection cook

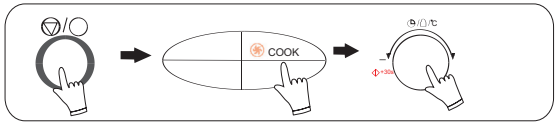
This menu will help you to cook food quickly by using convection function, It has 3 cooking mode.

Please see the chart below for cooking:

	Use	Display	Weight	Unit
Convection cook	Chicken	CO -1	0.5	Kg
	Baked fish	CO -2	0.3	Kg
	Mutton chop	CO -3	0.3	Kg

For example you can cook some fish at CO-2 mode

1. Press ⏻/○
2. Press the **Convection cook** twice, display
   CO-2 (express cook mode)
   Enter Auto
3. Press the **DIAL knob**, The oven works automatically.



*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call(**display the clock**),please wait for a few minutes after the ferment.*

Warning :Always use oven gloves when touching the recipients in the oven, as they will be very hot.

Auto defrost

The Auto Defrost feature enables you to defrost steaks/minced meat/ chicken pieces, meat joint, chicken, fish, The defrost time and power level are set automatically. You simply select the programme and the weight.

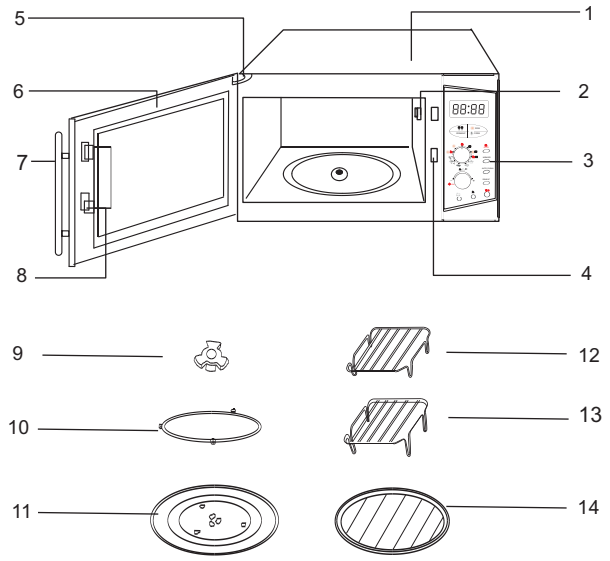
Please see the chart below for cooking:

	Use	Display	Weight	Unit
Auto defrost	Meat	DEF-1	0.1-1.5	Kg
	Fish	DEF-2		Kg
	Chicken	DEF-3		Kg

In the following example we will show you how to defrost 0.6 kg fish

1. Press ⏻/○ **button.**
2. Press the **Defrost** button twice to select defrosting programme, The following are displayed:
   DEF 2
   ❄❄ (flash to select the defrosting programme)
3. Press **DIAL knob** to confirm the programme, The following symbol are displayed:
   Enter Kg (flash to select weight).
4. Turn the **DIAL knob** until the 0.6 kg is displayed.
5. Press the press **DIAL knob**, the defrosting starts.

7 COMPONENTS FIG. A



Legend of components

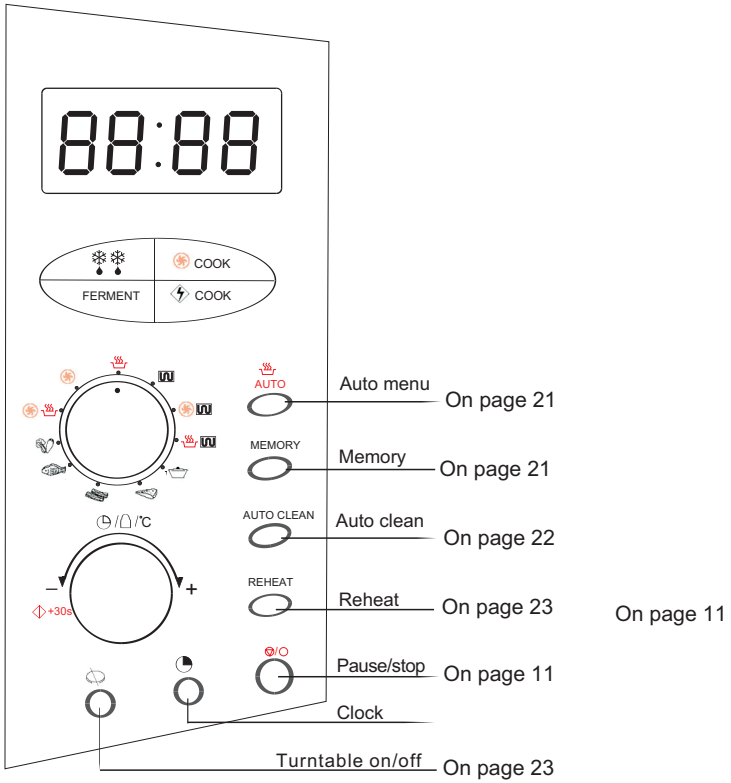
Availability of components depending on Mod. / Type of appliance

1 -	Cabinet	8 -	Door latches
2 -	Ventilation holes	9 -	Rotary axis
3 -	Control panel	10 -	Rotary tray support
4 -	Safety interlock systerm	11 -	Glass rotary tray
5 -	Door hinge	12 -	Low track (for convection function)
6 -	Door	13 -	High track (for grill function)
7 -	Door handle	14 -	Mental Tray (for convection/grill function)

Suggestion:

1. If the quantity of food you cook is small, please put the food in the center of the bottom tray.
2. The mental tray should placed on the top of rack when you using convection or grill function.

8 Operating panel



Visual Displays

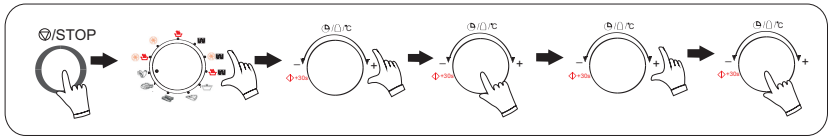
Words around the display will light to indicate what function in progress
Please see the following pages.

Defrost
Microwave
Grill
Convection

Other choice

We also have other five auto cooking menus where you can select them by the **Cooking Control knob**
In the following,we will show you how to cook the 0.4kg Mince potato.

1.Press ⏻/○
2.Turn the **Cooking Control knob** to the vegetable ( )symbol, dispaly:
VE-1
Enter Auto (flash to set cook mode)
3.Turn the **DIAL** knob until the **VE-2** is displayed,
4. Press the **DIAL** knob, display:
0.2
Enter Auto kg (flash to set weight)
5.Turn the **DIAL** knob until the **0.4** is displayed
6.Press the **DIAL** knob, The oven works automatically.



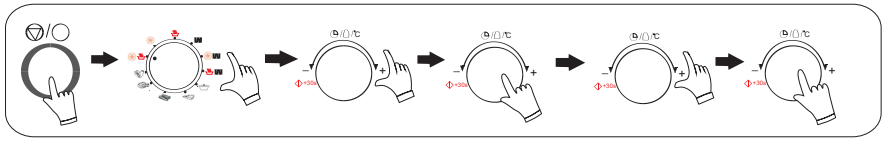
***Note**: When cooking has finished, the oven will beep five times and display **End** for ten seconds. Then The oven will be on call (**display the clock**).*

For more cooking menu , please see the chart below :

Use	Display	Category	Weight
Vegetable	UE-1	Fresh vegetable	0.4kg
	UE-2	Mince potato	0.2kg
			0.3kg
			0.4kg
			0.5kg
			0.6kg
Fish/seafood	FI-1	Fish	0.4kg
	FI-2	Grill sleeve fish	0.2kg
			0.4kg
			0.6kg
Meat	EN	Mince meat	0.2kg
			0.3kg
			0.4kg
			0.5kg
			0.6kg
Pizza	P-1	Frozen pizza	0.2kg
			0.3kg
			0.4kg
			0.5kg
			0.6kg

CONVECTION COMBINATION

1. Press ⏻ / ○
2. Turn the **Cooking Control knob** to the ( ) symbol. The following symbol are displayed:
   PC-1 (power level)
   (flash to select power)
3. Turn the **DIAL knob** to confirm the power, display: **PC-2**
4. Press the **DIAL knob**
5. Turn the **DIAL knob** to select the time
6. Press the **DIAL knob** to start.



***Note**: When cooking has finished, the oven will beep five times and display **End** for ten seconds. Then The oven will be on call (**display the clock**).*

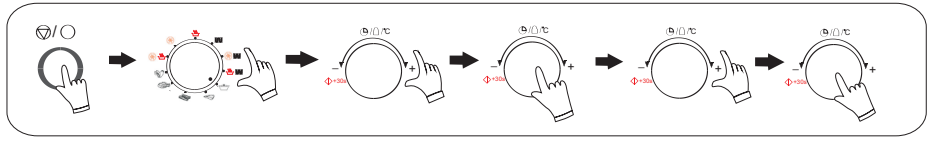
Warning** : **1.Always use oven gloves when touching the recipients in the oven, as they will be very hot.
2. The mental tray can not be used in this mode.

Keep warm

The keep warm mode has a temperature range of 40 ˚C to 80 ˚C , you can keep warm food at the temperature 40 ℃ to 80 ℃.

For example keep warm beverage at 50 C for 10 min.

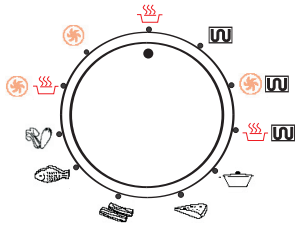
1. Press ⏻ / ○
2. Turn the **Cooking Control knob** to the ( ) symbol. The following are displayed:
   40
   Enter ˚C (flash to select temperature)
3. Turn the **DIAL knob** until 50 display.
4. Press the **DIAL knob** to confirm the temperature, The following are displayed:
   Enter time (flash to select time)
5. Turn the **DIAL knob** to select the time until **10:00** display.
6. Press the **DIAL knob** to start..



***Note**: When cooking has finished, the oven will beep five times and display **End** for ten seconds. Then The oven will be on call (**display the clock**).*

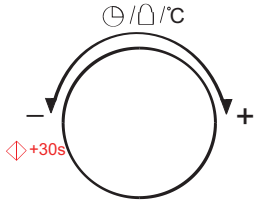
Reference for the control panel

1.The Cooking Control knob



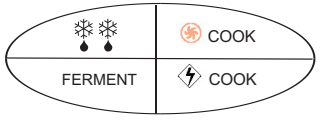
- ---------- Micro power (page 12)
- ---------- Grill(page 13)
- ---------- Microwave and grill (page 13)
- ---------- Convection (page 14)
- ---------- Convection and grill (page 16)
- ---------- Convection and microwave (page 16)
- ---------- Keep warm (page 17)
- ---------- Fish (page 18)
- ---------- Meat (page 18)
- ---------- Pizza (page 18)
- ---------- Vegetable (page 18)

2. The DIAL knob



- / /℃ ---------- Turn the knob to choose time, weight or temperature.
- +30s ---------- Quick start knob and press it to confirm your choose.
- \+ ---------- Turn to the + direction to increase the time, weight or temperature.
- \- ---------- Turn to the - direction to decrease the time, weight or temperature.

3. The Auto cook buttons



- ----------Defrost (page 19)
- COOK ----------Convection cook (page 19)
- FERMENT ----------Ferment (page 20)
- COOK ----------Express cook (page 20)

9 How to operate your microwave oven

Please read the instructions carefully before operating the Oven.

Before operate your microwave oven please check that the heating element is in the horizontal position, and that the appropriate rack is in position.

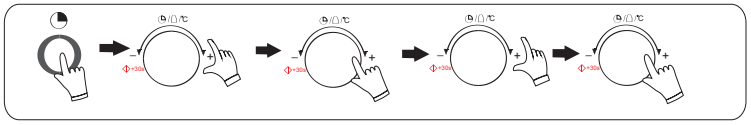
(Look at the operate panel of the page 9-10)

Clock

When your oven is plugged in for the first time or when power resumes after a power cut, display 12：00，you can reset the clock, The time can be displayed in 24-hour notation.

In the following example we will show you how to set the time 11:35 When your oven is plugged in for the first time.

1. Press **Clock** key, the following are displayed:
   12:00 (12 flash to set the hour)
2. Turn **DIAL knob** until **11** flashes on display
3. Press **DIAL knob** for hour confirmation, the following are displayed:
   11:00 (00 flash to set the hour);
4. Turn **DIAL knob** until **35** flashes on display,
5. Press **DIAL knob**, the clock starts counting.



Quick start

The **Quick start** feature allows you to set 30 seconds intervals of HIGH power cooking with a touch of the **DIAL knob**.
In the following example we will show you how to set 2 minutes of cooking on high power quickly.
1.Press **DIAL knob** four times to select 2 minutes on HIGH power. Your oven will start before you have finished the fourth press.
2.During **Quick start** cooking, you can extend the cooking time up to 5 minutes by repeatedly pressing the **DIAL knob**.

Pause/stop

When the oven is in operation, if the button is pressed once, cooking can be paused. If the button is pressed twice continuously, cooking can be canceled, In such case, the oven will enter standby mode. If the button is pressed once and then **QUICK START** button is also pressed, the oven will resume previous performance.

The button can be used to set Child Lock-on or Lock-off mode.

***Note**: When cooking has finished, the oven will beep five times and display **End** for ten seconds. Then The oven will be on call (**display the clock**).*

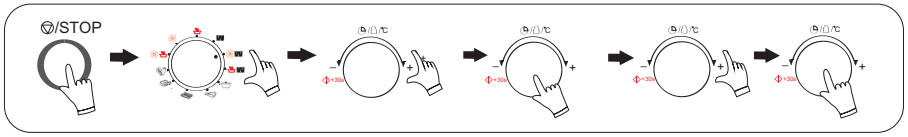
***Warning** :Always use oven gloves when touching the recipients in the oven, as they will be very hot.*

Convection and grill

Your oven has a combination cooking feature which allows you to cook food with grill and convection alternately. This generally means it takes less time to cook your food, you can set the temperature from 100 ℃ to 240 ℃.

In the following example we will show you how to cook some food on combi power for 5 minutes.

1. Press ▽/○ key.
2. Turn the **Cooking Control knob** to the ( ) symbol. The following symbol are displayed:
   100 (default temperature)
   Enter ℃ (flash to select temperature)
3. Turn the **DIAL knob** until the corresponding temperature **120** is displayed.
4. Press **DIAL knob** to confirm. The following symbol are displayed:
   Enter Time (flash to select time)
5. Select the appropriate time by turning the **DIAL knob** until display shows **05:00**.
6. Press **DIAL knob**, combination cooking starts.



***Note:** When cooking has finished, the oven will beep five times and display **End** for ten seconds. Then The oven will be on call(**display the clock**).*

***Warning** :Always use oven gloves when touching the recipients in the oven, as they will be very hot.*

Convection and microwave

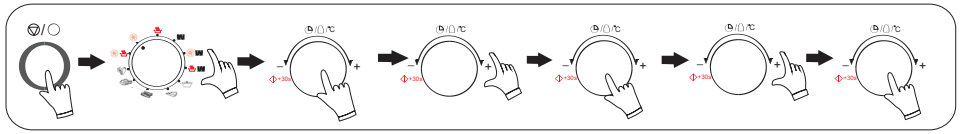
Combination cooking uses microwave energy and convection heating alternately. No preheating is required as the microwave energy is immediately available. This generally means it takes less time to cook your food.

In the following example we will show you how to programme your oven with: micro power 1/3 and at a convection power 2/3 for a cooking time of 10 minutes.

Display	PC -1	PC -2
%	2/3Microwave,1/3 convection	1/3Microwave,2/3 convection
Use	Cook thin meat and brown	Cook thick meat and brown

To preheat

1. Press ⏻/○
2. Turn the **Cooking Control knob** to the ( ) symbol. The following are displayed:
   CO-1(preheated mode)
   (flash to select the cooking mode)
3. Press the **DIAL knob** to confirm the cook mode, The following symbol are displayed:
   Enter °C (flash to select temperature)
4. Turn the **DIAL knob** until the corresponding temperature (**210**) is displayed.
5. Press the **DIAL knob** to confirm. The following symbol are displayed:
   Enter Time (flash to select the time)
6. Turn the **DIAL knob** until the corresponding time (**05:00**)display.
7. Press the **DIAL knob**, cooking starts.

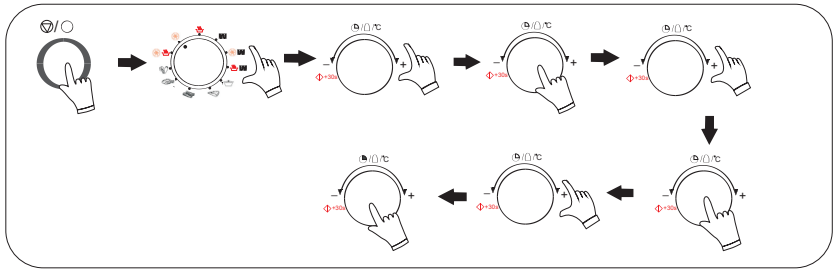


***Note**: When the temperature is preheated to the requested temperature, the oven will beep three times, then you can open the door and put in the food, restart the oven.*
*When cooking has finished, the oven will beep five times and display **End** for ten seconds.*
*Then The oven will be on call (**display the clock**).*

Warning :Always use oven gloves when touching the recipients in the oven, as they will be very hot.

To cook directly

1. Press ⏻/○
2. Turn the **Cooking Control knob** to ( ) symbol. The following are displayed:
   (flash to select the cooking mode)
3. Turn the **DIAL knob** until the **CO-2** is displayed, press the **DIAL knob** to confirm. The following symbol are displayed:
   Enter °C (flash to select temperature)
4. Turn the **DIAL knob** until the corresponding temperature (**210 °C**) is displayed. Press the **DIAL knob** to confirm. The following symbol are displayed:
   Enter Time (flash to select time)
5. Turn the **DIAL knob** until the corresponding time (**05:00**).
6. Press the **DIAL knob** , cooking starts.



Micro power

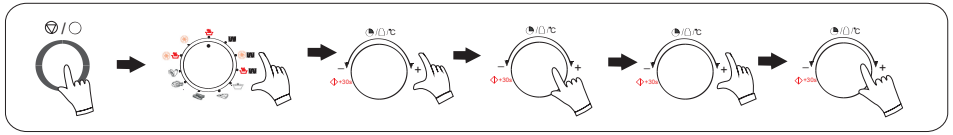
Your oven has ten microwave Power settings. High power is automatically selected, but turns **DIAL knob** will select a different power level.

POWER	100%	90%	80%	70%	60%	50%	40%	30%	20%	0%
Display	P100	P90	P80	P70	P60	P50	P40	P30	P20	P00

Note: For the power level **P00,**the oven has no power output, but you can use it as a timer.

In the following example we will show you how to cook some food on 80% power for 5 minutes and 30 seconds.

1. Press the ⏻/○ key.
2. Turn the **Cooking Control knob** to ( ) symbol. The following are displayed:
   P100 (100% power level)
   (flash to select power level).
3. Select the appropriate power level by turning the **DIAL knob** until the corresponding output power (**P80)** is displayed.
4. Press **DIAL knob** to confirm, The following symbol are displayed:
   Enter Time (flash to select cooking time).
5. Select the appropriate time by turning the **DIAL knob** until display shows 05:30.
6. Press **DIAL knob**, cooking starts.



***Note**: When cooking has finished, the oven will beep five times and display **End** for few seconds.*
Then the oven will be on call (display the clock).
Your microwave oven is equipped with 10 power levels to give you maximum flexibility and control over cooking. The table below shows the examples of food and their recommended cooking power levels for use with this microwave oven.

The microwaves are absorbed by the food up to a depth of about 1 inch (2.5 cm).

Power level	Output	Use
High	100%	Boil water Brown minced beef Cook poultry pieces, fish, vegetables Cook tender cuts
Medium High	80%	All reheating Roast meat and poultry Cook mushrooms and shellfish Cook food containing cheese and eggs
Medium	60%	Bake cakes and scones Prepare eggs Cook custard Prepare rice, soup
Defrost /Medium Low	40%	All thawing Melt butter and chocolate Cook less tender cuts Of meat
Low	20%	Soften butter & cheese soften ice cream Raise yeast dough

Grill cooking

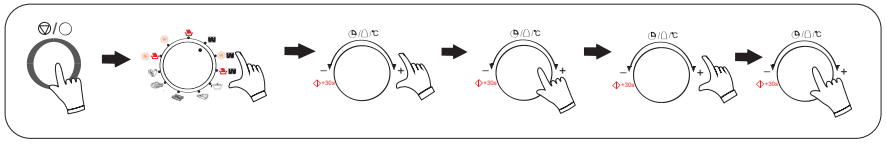
This model is fitted with a Light wave Grill, so preheating is not needed. This feature will allow you to brown and crisp food quickly. Your can use the high rack at grill function.
Your oven has two grill Power settings. High power is automatically selected but turns **DIAL knob** will select a different power level.

Please see the chart below for cooking:

Display	G-1	G-2
%	100%	60%
Use	Cook thin meat and brown	Brown

In the following example we will show you how to cook some food on 60% (G-2) grill power for 5 minutes and 30 seconds.

1. Press ⏻ / ○ key.
1. Turn the **Cooking Control knob** to the (⏦) symbol. The following symbol are displayed:
   G-1(100% GRILL power level)
   ⏦ (flash to select power level).
2. Select the appropriate power level by turning the **DIAL knob** until the corresponding output power (**G-2)** is displayed.
3. Press **DIAL knob** to confirm. The following symbol are displayed:
   Enter Time (flash to select cooking time)
4. Select the appropriate time by turning the **DIAL knob** until display shows **05:30**.
5. Press **DIAL knob**, cooking starts.



Note: *When cooking has finished, the oven will beep five times and display* ***End*** *for few seconds. Then the oven will be on call (display the clock).*

Warning *:Always use oven gloves when touching the recipients in the oven, as they will be very hot.*

Microwave and grill

You can also combine microwave cooking with the grill, to cook quickly and brown at the same time.

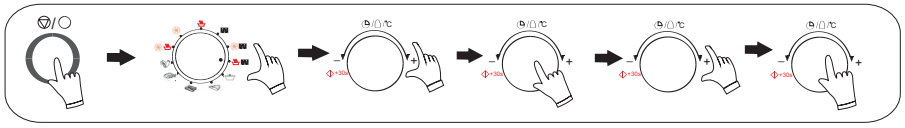
Your oven has two microwave and grill combi Power settings. **C-1** is automatically selected but turns **DIAL knob** will select a different power level.

Please see the chart below for cooking:

Display	C-1	C-2
%	2/3Microwave,1/3 grill	1/3Microwave,2/3 grill
Use	Cook thin meat and brown	Cook thick meat and brown

In the following example we will show you how to cook some food on C-2 combi power(1/3 microwave and 2/3 grill) for 5 minutes and 30 seconds.

1. Press ⏻ / ○ key.
2. Turn the **Cooking Control knob** to the (⏦ / ⏦) symbol. The following are displayed:
   C-1 (2/3 microwave and 1/3 grill combi power level)
   ⏦ ⏦ (flash to select the combi power level).
3. Select the appropriate power level by turning the **DIAL knob** until the corresponding output power is displayed. Press **DIAL knob** to confirm. The following symbol are displayed:
   Enter Time (flash to select the time).
4. Select the appropriate time by turning the **DIAL knob** until display shows 05:30.
5. Press **DIAL knob**, combination cooking starts.



Note: *When cooking has finished, the oven will beep five times and display* ***End*** *for few seconds. Then The oven will be on call (display the clock).*

Warning *:Always use oven gloves when touching the recipients in the oven, as they will be very hot.*

Convection

The convection mode enables you to cook food in the same way as in a traditional oven. Check that the heating element is in the horizontal position and that the turntable is in position. Open the door and place the recipient on the turntable.

The convection oven has a temperature range of 100 ℃ to 240 ℃ in 15 preset levels.
The maximum cooking time is 90 minutes. The microwave mode is not used.

You have two cooking mode to select:
----- **Preheat the oven :** For convection cooking, it is recommended that you preheat the oven to the appropriate temperature before placing the food in the oven to cook.

----- **Cook the food directly**: to cook food in the same way as in a traditional oven.
Your oven will take a few minutes to reach the selected temperature.
The convection rack(low rack) and the mental plate must be used during convection cooking.
In the following examples we will show you how to cook some food at the temperature of 210 C for 50 minutes with the two different mode.

Please see the chart below for cooking:

Display	CO-1	CO-2
Use	Preheat the oven	Cook the food directly